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Memorandum

TO: Air Quality Conformity Task Force

DATE: November 21, 2013

FR: Amir Fanai (BAAQMD) and Harold Brazil (MTC)

W.I.:

RE: Draft Approach to Allocate Commercial Truck Count Data

Background – When a project sponsor does not qualify for a project level PM 2.5 exemption code, the project sponsor is asked to complete a project assessment form for the Air Quality Conformity Task Force's review. This form includes a request for total AADT and truck AADT in the project area for build and no build conditions in the opening year and RTP horizon year. The intent of the truck AADT request is for the Task Force to have a general understanding of the quantity of diesel traffic moving through the project area. For some projects the sponsor has conducted traffic counts in the area and therefore has easy access to this information. In other situations, the project sponsor may have to rely on Caltrans traffic counts. Caltrans counts contain information on total AADT and 3+ axle trucks ADT. This 3+ axle count does not give the Task Force a good understanding of diesel traffic in the corridor since there are many 2-axle trucks that run on diesel.

In response to this issue, the Bay Area Air Quality Management District (BAAQMD) and MTC have created a methodology for using EMFAC fleet mix data to extrapolate from the 3-axle truck counts to a complete picture of diesel trucks in the project area.

To explain the approach, we will refer to the attached email communication: Truck conversion table for discussion at the next Conformity Task Force Meeting.pdf